

Converting Colors

Hex(943CC8)

Have a look what the booklet for
Hex(943CC8) contains.

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Color

Hex(943CC8)

Conversions

Conversions Part 1

Format	Color
Hex	943CC8
RGB	148, 60, 200
RGB Percent	58%, 24%, 78%
CMY	0.4196, 0.7647, 0.2157
CMYK	0.26, 0.70, 0.00, 0.22
HSL	278°, 56%, 51%
HSV	278°, 70%, 78%
XYZ	24.2539, 13.6977, 56.0092
YIQ	102.2720, 7.5080, 62.1960

Conversions

Conversions Part 2

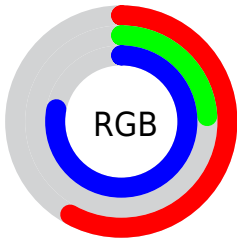
Format	Color
R_{YB}	148, 60, 200
Decimal	9714888
CIE _{Lab}	43.80, 59.40, -57.15
CIE _{LCh}	44, 82.428, 316.104
Yxy	13.6977, 0.2581, 0.1458
Android (android.graphics.Color)	4287904968 (0xFF943CC8)
YUV	102.2720, 48.1799, 40.1035
Hunter-Lab	37.0105, 52.2074, -63.8182

Details

The Hex color **943CC8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **70C83C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CE72FF**, and **5C0091** is the 20% darker color. If you saturate the color by 10%, you get **8D28C8**, and if you desaturate by 10%, it is **9B50C8**.

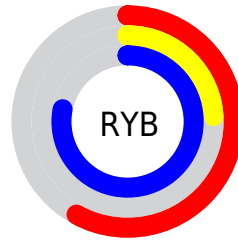
Distribution



Red (58%)

Green (24%)

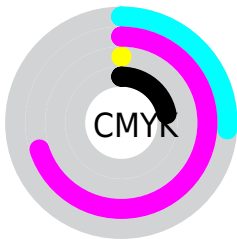
Blue (78%)



Red (58%)

Yellow (24%)

Blue (78%)

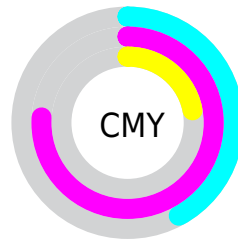


Cyan (26%)

Magenta (70%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943CC8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 943CC8 by changing the saturation by 10% instead.

943CC8

943CC8

FFFFFF

781EAC

CE72FF

5C0091

EB8DFF

400077

FFA9FF

23005D

FFC6FF

000045

FFE2FF

00032D

000117

000000

943CC8

943CC8

 8D28C8

 9B50C8

 8514C8

 A364C8

 7E00C8

 AA78C8

 B28CC8

 B9A0C8

 C1B4C8

 C8C8C8

 CFDCC8

 D7F0C8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0064EE



943CC8



CD008A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



943CC8



985900



00838C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



943CC8



70C83C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008144



943CC8



5D7000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



943CC8



C42E00



007C00



0082CA

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



943CC8



DA005D



007C00



008274

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



943CC8



EBC9FF



3C72C8



746080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



943CC8



AF29FF



C83CB8



605A63



6700A3



160024

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C83C70



FF2978



3CC84C



635A5D



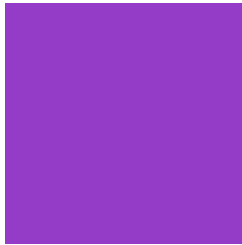
A3003D



24000D

Previews

White Background



This preview shows how the Hex color 943CC8 looks on a white background.

Color Contrast Check

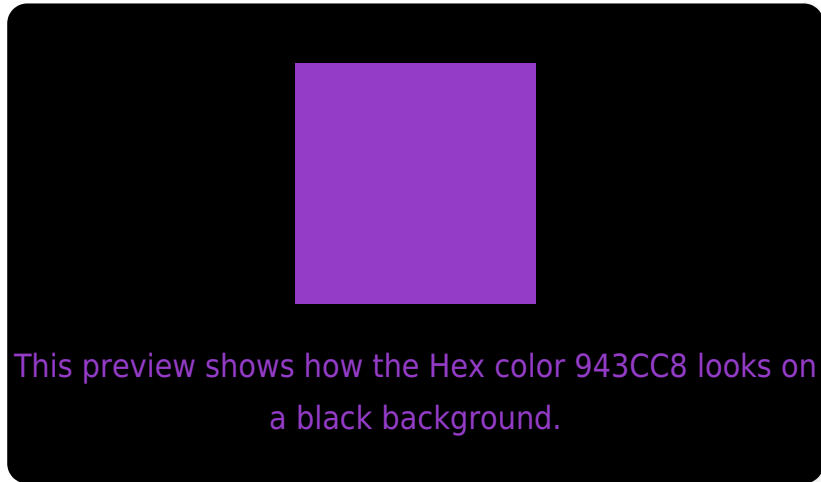
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

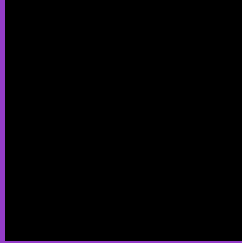
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 943CC8 Background



This preview shows how black text looks on a background with the Hex color 943CC8.

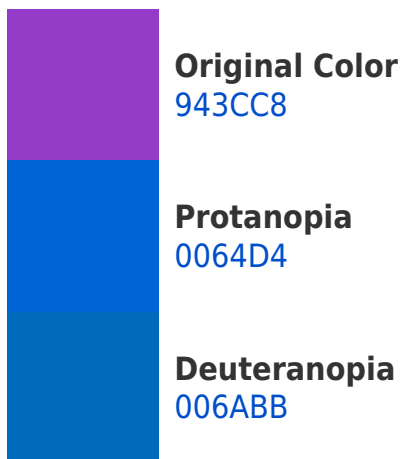



This preview shows how white text looks on a background with the Hex color 943CC8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

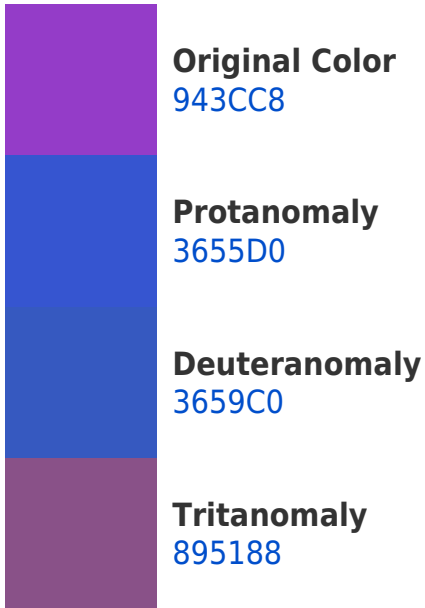
Dichromacy



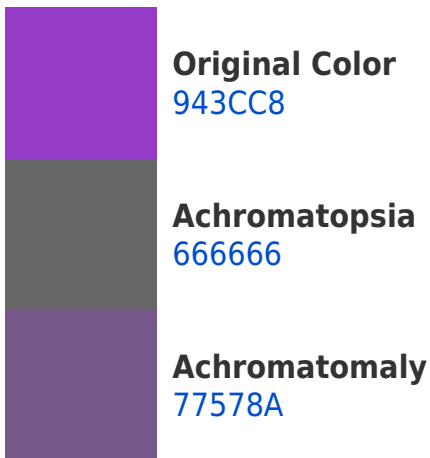


Tritanopia
835D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 943CC8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #943CC8 looks like.

```
.text, #text, p{  
    color:#943CC8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #943CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943CC8
}
```

Border

The CSS property to change the border of an element to Hex 943CC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943CC8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#943CC8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #943CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943CC8; -webkit-box-shadow:4px 4px  
4px 4px #943CC8; box-shadow:4px 4px 4px  
4px #943CC8 }
```

Background

The CSS property to change the background color of an element to Hex 943CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943CC8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#943CC8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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